

The invention claimed is:

- 1 1. A method for partitioning code space in a communication system, comprising the steps
2 of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one user;
6 assigning a first code to a user currently using a second code in one subspace; and
7 performing an in-sector handoff of the user from the second code to the first code.
- 1 2. The method of claim 1, further comprising the step of assigning the second code to a
2 different subspace.
- 1 3. The method of claim 2, wherein the user is using the second code in the first subspace.
- 1 4. The method of claim 1, wherein the first subspace is used for voice communication.
- 1 5. The method of claim 1, wherein the second subspace is used for data communication.
- 1 6. A method for partitioning code space in a communication system, comprising the steps
2 of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one user;
6 assigning a first code to a user currently using a second code in one subspace;
7 handing off the user from the second code to the first code; and
8 assigning the second code to a different subspace.
- 1 7. The method of claim 6, wherein the user is using the second code in the first subspace.
- 1 8. The method of claim 6, wherein the first subspace is used for voice communication.
- 1 9. The method of claim 6, wherein the second subspace is used for data communication.

1 10. A method for partitioning code space in a communication system, comprising the
2 steps of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one of a plurality of users on a time shared basis;
6 assigning a first code to a user currently using a second code in one subspace; and
7 handing off the user from the second code to the first code; and
8 assigning the second code to a different subspace.

1 11. The method of claim 10, wherein the user is using the second code in the first
2 subspace.

1 12. The method of claim 10, wherein the first subspace is used for voice communication.

1 13. The method of claim 10, wherein the second subspace is used for data
2 communication.

1 14. A method for partitioning code space in a communication system, comprising the
2 steps of:
3 dividing a code space into at least two subspaces, where codes in the first subspace are
4 assigned to at least one user at a time for a communication session and where all of the codes in
5 the second subspace are assigned to one of a plurality of users on a time shared basis;
6 assigning a first code to a user currently using a second code in one subspace; and
7 performing an in-sector handoff of the user from the second code to the first code.
8

1 15. The method of claim 14, further comprising the step of assigning the second code to
2 a different subspace.

1 16. The method of claim 15, wherein the user is using the second code in the first
2 subspace.

1 17. The method of claim 14, wherein the first subspace is used for voice communication.

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)
Algeria	1980	10.0	4.0	40.0	100	250	1.5	2.5	1.5	2.5	1.5	2.5
Algeria	1985	10.5	4.5	42.9	105	263	1.8	3.0	1.8	3.0	1.8	3.0
Algeria	1990	11.0	5.0	45.5	110	276	2.0	3.5	2.0	3.5	2.0	3.5
Algeria	1995	11.5	5.5	47.8	115	289	2.2	4.0	2.2	4.0	2.2	4.0
Algeria	2000	12.0	6.0	50.0	120	302	2.5	4.5	2.5	4.5	2.5	4.5
Algeria	2005	12.5	6.5	52.0	125	315	2.8	5.0	2.8	5.0	2.8	5.0
Algeria	2010	13.0	7.0	53.8	130	328	3.0	5.5	3.0	5.5	3.0	5.5
Algeria	2015	13.5	7.5	55.6	135	341	3.2	6.0	3.2	6.0	3.2	6.0
Algeria	2020	14.0	8.0	57.1	140	354	3.5	6.5	3.5	6.5	3.5	6.5
Algeria	2025	14.5	8.5	58.6	145	367	3.8	7.0	3.8	7.0	3.8	7.0
Algeria	2030	15.0	9.0	60.0	150	380	4.0	7.5	4.0	7.5	4.0	7.5
Algeria	2035	15.5	9.5	61.3	155	393	4.2	8.0	4.2	8.0	4.2	8.0
Algeria	2040	16.0	10.0	62.5	160	406	4.5	8.5	4.5	8.5	4.5	8.5
Algeria	2045	16.5	10.5	63.6	165	419	4.8	9.0	4.8	9.0	4.8	9.0
Algeria	2050	17.0	11.0	64.7	170	432	5.0	9.5	5.0	9.5	5.0	9.5
Algeria	2055	17.5	11.5	65.7	175	445	5.2	10.0	5.2	10.0	5.2	10.0
Algeria	2060	18.0	12.0	66.7	180	458	5.5	10.5	5.5	10.5	5.5	10.5
Algeria	2065	18.5	12.5	67.6	185	471	5.8	11.0	5.8	11.0	5.8	11.0
Algeria	2070	19.0	13.0	68.4	190	484	6.0	11.5	6.0	11.5	6.0	11.5
Algeria	2075	19.5	13.5	69.2	195	497	6.2	12.0	6.2	12.0	6.2	12.0
Algeria	2080	20.0	14.0	70.0	200	510	6.5	12.5	6.5	12.5	6.5	12.5
Algeria	2085	20.5	14.5	70.7	205	523	6.8	13.0	6.8	13.0	6.8	13.0
Algeria	2090	21.0	15.0	71.4	210	536	7.0	13.5	7.0	13.5	7.0	13.5
Algeria	2095	21.5	15.5	72.1	215	549	7.2	14.0	7.2	14.0	7.2	14.0
Algeria	2100	22.0	16.0	72.7	220	562	7.5	14.5	7.5	14.5	7.5	14.5
Algeria	2105	22.5	16.5	73.3	225	575	7.8	15.0	7.8	15.0	7.8	15.0
Algeria	2110	23.0	17.0	73.9	230	588	8.0	15.5	8.0	15.5	8.0	15.5
Algeria	2115	23.5	17.5	74.5	235	601	8.2	16.0	8.2	16.0	8.2	16.0
Algeria	2120	24.0	18.0	75.0	240	614	8.5	16.5	8.5	16.5	8.5	16.5
Algeria	2125	24.5	18.5	75.5	245	627	8.8	17.0	8.8	17.0	8.8	17.0
Algeria	2130	25.0	19.0	76.0	250	640						